

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	4	"658,538".ap.	USPAT	OR	OFF	2004/12/13 14:50
S2	0	"658,538".ap.	US-PGPUB	OR	OFF	2004/12/13 14:51
S3	1	"739380".ap.	US-PGPUB	OR	OFF	2004/12/13 14:51
S4	2	"20010005824"	US-PGPUB; DERWENT	OR	OFF	2004/12/13 14:55
S5	1	"867736".ap.	US-PGPUB; DERWENT	OR	OFF	2004/12/13 14:55
S6	2	"20030161479"	US-PGPUB; DERWENT	OR	OFF	2004/12/13 16:02
S7	0	"830966".ap.	US-PGPUB; DERWENT	OR	OFF	2004/12/13 16:29
S8	1	"669032".ap.	US-PGPUB; DERWENT	OR	OFF	2004/12/13 16:32
S9	1	"5099513".pn.	US-PGPUB; DERWENT	OR	OFF	2004/12/13 16:33
S10	2	"5099513".pn.	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/12/13 16:33
S11	10	("4480153" "4720848" "4856055" "4866766").PN. OR ("5099513").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/15 13:23
S12	1	"6501967".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/15 13:23
S13	25	("4089246" "4215343" "4368989" "4378720" "4475013" "4478525" "4602546" "4646609" "4860339" "4866766" "4868561" "4998291" "5046004" "5153829" "5208852" "5315638" "5452354" "5606597" "5728960" "6094587" "6366791").PN. OR ("6501967"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/15 13:32
S14	2638	((sound melody tone music) near4 (generator generating)) and frequency and memory and phone	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/15 13:36
S15	1738	S14 and ((@ad @rlad)<="19991029")	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/23 13:59
S16	8648	((sound melody tone music) near2 (generator generating)) and frequency and memory	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/15 13:42

S17	6563	S16 and ((@ad @rlad)<="19991029")	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/22 06:30
S18	6563	S16 and ((@ad @rlad)<="19991029")	US-PGPUB; USPAT	OR	ON	2004/12/15 13:36
S19	115	S18 and "400" and "8 khz"	US-PGPUB; USPAT	OR	ON	2004/12/15 13:38
S20	69	S19 and scal\$	US-PGPUB; USPAT	OR	ON	2004/12/15 13:42
S21	7207	((sound melody tone music) adj3 (generator generating)) and frequency and memory	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/20 17:23
S22	5502	S21 and ((@ad @rlad)<="19991029")	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/21 00:00
S23	2395	S22 and (shift)	US-PGPUB; USPAT	OR	ON	2004/12/15 13:43
S24	900	S23 and (phone ring\$)	US-PGPUB; USPAT	OR	ON	2004/12/15 13:43
S25	334	S23 and (phone and ring\$)	US-PGPUB; USPAT	OR	ON	2004/12/15 13:44
S26	308	S25 not S20	US-PGPUB; USPAT	OR	ON	2004/12/15 13:44
S27	443	((((sound melody tone music) adj3 (generator generation generating)) and frequency and memory) and (generation generator).ti.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/15 13:58
S28	367	S27 and ((@ad @rlad)<="19991029")	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/15 14:02
S29	180	S28 and shift	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/20 16:56
S30	15	("4130043" "4437377" "4554857" "4677789" "4736333" "4736663" "4840099" "4933980" "4998281" "5099739" "5111530" "5144676").PN. OR ("5283387").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/15 15:35
S31	14	"Pitch-shifting algorithm"	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/20 16:57

S32	43	("3539701" "3600516" "3929051" "3986423" "3999456" "4004096" "4076960" "4081607" "4142066" "4279185" "4311076" "4387618" "4464784" "4508002" "4519008" "4561102" "4596032" "4688464" "4771671" "4802223" "4915001" "4991218" "4991484" "4995026" "5005204" "5048390" "5054360" "5056150" "5092216" "5131042" "5194681" "5231671" "5301259" "5369725" "5428708" "5536902" "5567901" "5641926" "5644677" "5750912").PN. OR ("6046395").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/20 17:18
S33	206	(pitch adj shift\$) and ("84".clas. "381".clas.) and ((@ad @rlad)<="19991029")	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/20 17:20
S34	81	((sound melody tone music) adj3 (generator generating)) and frequency and memory and S33	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/22 10:34
S35	0	"744300".ap.	US-PGPUB	OR	ON	2004/12/22 10:36
S36	0	"5878146".pn.	US-PGPUB	OR	ON	2004/12/22 10:36
S37	1	"5878146".pn.	US-PGPUB; USPAT	OR	ON	2004/12/22 10:36
S38	676	84/600-612.ccls. and shift	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/25 12:54
S39	528	S38 and frequency and (memory storage rom ram)	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/25 12:56
S40	456	S39 and ((@ad @rlad)<="19991029")	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/25 12:56
S41	276	84/600-612.ccls. and (shift near5 (note pitch tone chord timbre))	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/25 12:55
S42	327	84/600-612.ccls. and ((shift shifting) near5 (note pitch tone chord timbre))	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/25 12:55
S43	258	S42 and frequency and (memory storage rom ram)	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/25 12:56

S44	216	S43 and ((@ad @rlad)<="19991029")	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/25 12:56
S45	14	("4729112" "4782324" "4916996" "5288940" "5495432" "5567901" "5637821" "5641926" "5693901" "5698807" "5777249").PN. OR ("5872727"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/25 14:47
S46	1	"6100462".PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/09 14:56
S47	1	"4827547".PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/09 15:08
S48	1	"6137046".PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/09 15:16
S49	1	"5881147".PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/09 15:16
S50	13	("4282410" "4349703" "4508937" "4631361" "4866766" "4924511" "4972466" "5099513" "5323456" "5452354" "5491746" "5598461" "5649007").PN. OR ("5881147"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/09 15:19
S51	10	("4480153" "4720848" "4856055" "4866766").PN. OR ("5099513").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/09 15:40
S52	1	"5986199".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/09 15:44
S53	1	"008768".ap.	US-PGPUB	OR	OFF	2005/02/09 16:00
S54	1	"6316710".pn.	US-PGPUB; USPAT	OR	OFF	2005/02/09 16:19
S55	0	"669032".ap.	US-PGPUB	OR	OFF	2005/02/09 16:19
S56	1	"6501967".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/20 22:36

S57	25	("4089246" "4215343" "4368989" "4378720" "4475013" "4478525" "4602546" "4646609" "4860339" "4866766" "4868561" "4998291" "5046004" "5153829" "5208852" "5315638" "5452354" "5606597" "5728960" "6094587" "6366791").PN. OR ("6501967"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/20 22:36
S58	8	("4417494" "6094587" "6308086" "6337972" "6366791" "6496692" "6501967" "6549767").PN. OR ("6718186").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/20 22:37
S59	11	("5739759" "5918303" "6075998" "6124543" "6175072" "6192372" "6198407" "6245984" "6337972" "6501967" "6556255").PN. OR ("6707908"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/20 22:38
S60	11	("4230012" "4866766" "5153829" "5481599" "5598461" "5655016" "5953408" "6094587").PN. OR ("6308086").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/20 22:58
S61	18	("4926737" "4982643" "5369216" "5451709" "5696343" "5728962" "5736663" "5859379").PN. OR ("6124543").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/20 23:06
S62	19	("3429976" "3766818" "3881390" "3999450" "4024789" "4056032" "4072078" "4119005" "4122751").PN. OR ("4230012"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/20 23:13
S63	10	("5200566" "5281754" "5347082" "5386081" "5696343").PN. OR ("5859379"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/20 23:17
S64	16	("4122751" "4230012" "4253373" "4271746" "4354418" "4369687" "4399732" "4434697" "4457203" "4732071" "4895060" "5056398" "5390248").PN. OR ("5929358"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/20 23:24

S65	10	("4230012" "4248119" "4300430" "4498363" "4508002").PN. OR ("5442129").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/20 23:27
S66	39	("2924776" "2958250" "3509454" "3631756" "3696293" "3722353" "3766818" "3901120" "3968719" "3982184" "4014242" "4018124" "4142434" "4429609" "4732071" "4796509" "4991484" "5016515" "5056398" "5111392" "5202528" "5285711" "5349130" "5388496" "5396827" "5440756" "5549028" "5619004" "5719343" "5773737" "5777248" "5780759" "5814748" "5929358" "5960373" "6066790").PN. OR ("6627806").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/20 23:34
S67	5	("4664010" "5418325" "5442129" "5561256").PN. OR ("5756916").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/20 23:42
S68	18	("3144802" "4429609" "4434697" "4457203" "4523506").PN. OR ("5056398").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/20 23:58
S69	20849	(storage memory) and (scale note) same (shift shifting adjust adjusting) and (pitch frequency)	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/21 00:00
S70	12442	S69 and ((@ad @rlad)<="19991029")	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/21 00:02
S71	8640	(storage memory) and ((scale note) with (shift shifting adjust adjusting)) and (pitch frequency)	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/21 00:01
S72	5627	S71 and ((@ad @rlad)<="19991029")	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/21 00:01
S73	1425	(storage memory) and ((scale note) with (shift shifting adjust adjusting)) and (pitch frequency). ab.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/21 00:02
S74	1054	S73 and ((@ad @rlad)<="19991029")	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/21 00:02

S75	620	(storage memory).clm. and ((scale note) with (shift shifting adjust adjusting)) and (pitch frequency). ab.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/21 00:02
S76	478	S75 and ((@ad @rlad)<="19991029")	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/21 00:03
S77	447	S76 and (generating generate generator)	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/21 00:04
S78	206	S77 and (melody tone)	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/21 00:04
S79	5	("4646609" "4991484").PN. OR ("5283388").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/21 00:25
S80	2	("5966385" "6807191").pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/21 00:25
S81	9	("5420866" "5521918" "5559999" "5649029" "5668601" "5671319" "5867176" "5978855" "6016382").PN. OR ("6807191"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/21 00:25
S82	41	("5475688" "5475754" "5521918" "5521979" "5559999" "5613003" "5635979" "5649029" "5666293" "5668601" "5677980" "5719646").PN. OR ("5966385").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/21 00:26
S83	2	"6308086".pn.	USPAT; JPO; DERWENT	OR	OFF	2005/02/22 02:35
S84	3	"669032".ap.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2005/02/22 03:06
S85	2	"5859379".pn.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2005/02/22 03:15
S86	2	"5929358".pn.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2005/02/22 03:15
S87	1	"5099513".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/22 04:30

S88	10	("4480153" "4720848" "4856055" "4866766").PN. OR ("5099513").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/22 04:53
S89	6	(frequency with range) and (shift near6 scale) and melody	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/22 04:54
S90	6	(frequency with range) and (shift near6 scale) and melody	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/22 04:58
S91	6	(frequency near7 range) and (shift near6 scale) and melody	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/22 04:58
S92	17	(frequency near7 range) and (shift near6 (note scale)) and melody	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/22 04:58
S93	11	(frequency near7 range) and (shift near6 (note)) and melody	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/22 05:01
S94	39	(melody.ti. melody.ab.) and scale and frequency.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/22 05:11
S95	18	(melody.ti. melody.ab.) and scale and (frequency near5 range)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/22 05:59
S96	2	"6323408".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/22 05:18
S97	4	("5516981" "5900571" "6121534" "6194646").PN. OR ("6323408").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/22 05:18
S98	44	(melody.ti. melody.ab.) and (frequency near5 range)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/22 06:12

S99	8	mita-ryota\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/22 06:18
S10 0	172	shinagawa-akio\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/22 06:18
S10 1	5	S100 and melody	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/22 06:29
S10 2	482	381/58,59.ccls.	US-PGPUB; USPAT	OR	OFF	2005/02/22 06:30
S10 3	220	S102 and ((@ad @rlad)<="19991029")	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/22 07:40
S10 4	189	S103 and frequency	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/22 06:34
S10 5	111	S103 and (frequency near5 range)	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/22 06:43
S10 6	1	"5283388".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/22 06:43
S10 7	5	("4646609" "4991484").PN. OR ("5283388").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/22 07:01
S10 8	1	"5561256".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/22 07:08
S10 9	115	(tone same pitch same chord same frequency)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/22 07:09
S11 0	9	("4664010" "5418325" "5442129").PN. OR ("5561256"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/22 07:38
S11 1	6074	(determin\$ near5 frequency near5 range)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/22 07:39
S11 2	7589	(determin\$ near5 frequency near5 range)	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/22 07:39

S11 3	3099	S112 and (scale note)	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/22 07:40
S11 4	1631	S113 and (memory storage)	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/22 07:40
S11 5	518	S114 and (melody tone pitch)	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/22 07:42
S11 6	390	S115 and ((@ad @rlad)<="19991029")	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/22 07:40
S11 7	390	S115 and ((@ad @rlad)<="19991029")	US-PGPUB; USPAT	OR	ON	2005/02/22 07:42
S11 8	74	S114 and (melody tone pitch).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/22 07:42
S11 9	56	S118 and ((@ad @rlad)<="19991029")	US-PGPUB; USPAT	OR	ON	2005/02/22 07:58
S12 0	611	455/567.ccls.	US-PGPUB; USPAT	OR	ON	2005/02/22 07:58
S12 1	271	S120 and ((@ad @rlad)<="19991029")	US-PGPUB; USPAT	OR	ON	2005/02/22 07:58
S12 2	174	S121 and frequency	US-PGPUB; USPAT	OR	ON	2005/02/22 07:58
S12 3	111	S122 and (melody tone)	US-PGPUB; USPAT	OR	ON	2005/02/22 07:59
S12 4	3262	84/600-603,609-611,615-618, 622-627,649-651,653-656, 659-663.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/23 13:57
S12 5	2129	S124 and (note scale) and (frequency pitch)	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/23 14:22
S12 6	1938	S125 and (memory storage)	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/23 14:23
S12 7	1552	S126 and ((@ad @rlad)<="19991029")	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/23 14:23
S12 8	1250	S124 and (note scale) and (frequency pitch).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/23 14:55
S12 9	1142	S128 and (memory storage)	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/23 14:57
S13 0	959	S129 and ((@ad @rlad)<="19991029")	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/23 14:57

S13 1	295	S124 and (note scale) and (frequency pitch).clm. and ((shift shifting modify modified adjust adjusting) near5 (scale note))	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/23 14:57
S13 2	319	S124 and (note scale) and (frequency pitch).clm. and ((shift shifting modif\$ adjust adjusting) near5 (scale note))	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/23 14:58
S13 3	303	S132 and (memory storage)	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/23 15:01
S13 4	250	S133 and ((@ad @rlad)<="19991029")	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/23 15:01
S13 5	704	S124 and (note scale) and (frequency pitch).clm. and ((shift shifting modif\$ alter\$ adjust adjusting) near5 (scale note pitch frequency))	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/23 15:00
S13 6	629	S124 and (note scale) and (frequency pitch).clm. and ((shift shifting modif\$ alter altering adjust adjusting) near5 (scale note pitch frequency))	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/23 15:00
S13 7	587	S136 and (memory storage)	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/23 15:01
S13 8	499	S137 and ((@ad @rlad)<="19991029")	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/23 15:01
S13 9	1	"6137046".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/24 15:00